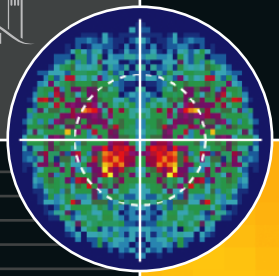


Advanced Light Source

Welcome

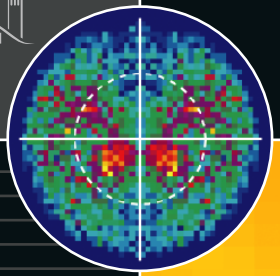
The Advanced Light Source (ALS), a national user facility located at Ernest Orlando Lawrence Berkeley National Laboratory of the University of California, is available to researchers from academia, industry, and government laboratories. Operation of the ALS is funded by the Department of Energy's Office of Basic Energy Sciences.

This Compendium contains abstracts written by users summarizing research completed or in progress during 2001. Two tables of contents organize the abstracts by beamline and by subject, and a list of funding institutions is also provided. Technical details for each beamline, including whom to contact for additional information, can be found in the beamline information section. The most current information on ALS beamlines can be found on the ALS Web pages (http://www-als.lbl.gov/).

The material in this Compendium, along with material from previous years, is also available on the World Wide Web (http://alspubs.lbl.gov/compendium/). The Web version allows searches by beamline, author name, subject, year, and other parameters.

The Compendium is intended to complement the Advanced Light Source Activity Report, which presents an overview of the scientific program, ongoing research and development efforts, and operations.

Edited and designed by the Technical and Electronic Information Department (TEID) Creative Services



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Related Publications

The following publications are available from the ALS User Services Office.

ALS Activity Report
1996/97, 1997/98, 1999, 2000

ALS Compendium of User Abstracts and Technical Reports*
1993–1996, 1997, 1998

Workshop on Scientific Directions at the Advanced Light Source:
Summary and Reports of the Working Groups

Soft X-Ray Spectromicroscopy:
Materials Characterization on a Microscale

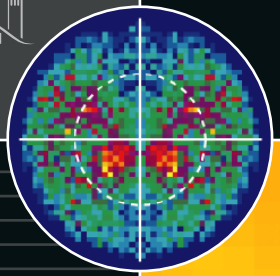
ALS Users' Handbook

The following publications are available online in PDF format at
http://www-als.lbl.gov/als/publications/genpubs.html.

World Class Protein Crystallography:
The Macromolecular Crystallography Facility at the Advanced Light Source

The Atomic and Molecular Facility at Beamline 10.0.1

*The production of printed copies of the Compendium were discontinued as of 1999;
a CD version is now distributed with the Activity Report.



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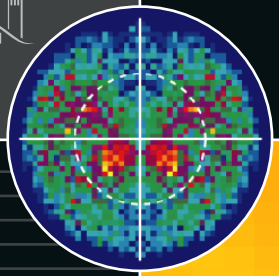

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